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The sketch locates the following points: 50X1-HUM

- Pt # 1. Railroad Spur. A single track line to bring ray material to the forging shop, coal to operate forges, and general shipping and receiving. The line has two self-propolled cranes for loading and unloading cars.
  - # 2. Finished Parts Storage. This section, known as "C" Branch, is used for storage of different types of finished shell casings until ready for assembly. The building has an entrance on the north side and its overall size is 60 meters by 30 meters. The building is built of concrete pillars filled with brick and is 20 to 24 feet high. The flat roof is
  - #3. Production and Repair Snop. This building which is a part of "C" Branch contains a spare parts section with lathes, shapers, and drill presses.

    Machines and equipment in the plant are very old and require constant maintenance. When other branches are overloaded with work, this shop assists by conterting to production.
  - # 4. Finished Parts Storage. This section is also a part of "C" Branch and is used for storage of assembled ammunition parts for shipment.
  - # 5. Ground Maintenance Shop. This is one of the smaller buildings in the plant and is used as a work shop and office for area maintenance. The flat-roofed building, 10 meters by six meters, is made of concrete and brick. This section employs eight to 2000 who maintain lawns, buildings and roads.
  - # 6. Security Wall. The stone wall which completely surrounds the plant is approximately two meters high. Two strands of barbed wire are mounted on top of the wall. The main entrance has an iron gate which is manual by armed guards.
  - # 7. Tool and Repair Shop. The building, 40 reters by 20 meters, is constructed of concrete and brick with a flat glass paneled roof. The

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Batch 7-15-64

## C-O-N-F-I-D-E-N-T-I-A-L

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50X1-HUM

structure has only one floor but is approximately two stories high. This shop is referred to as "D" Branch and has lathes and machines for making cutting tools used in other sections of the plant for production of munitions. This is the bottleneck in the plant due to break down of machinery and shortage of tooling materials.

- #8. Road. This is a dirt and gravel access road approximately 10 to 12 feet wide.
- # 9. Generator Building. A one-story concrete and brick structure with a flat roof. The building is 15 meters by seven meters.
- #10. Military Production Shop. This building is used solely for the purpose of military production and is referred to as "B" Branch. The structure is made of concrete and brick, 60 meters by 30 meters. The building is two stories high on the north side. The entire first floor is used as a work shop and the south end of the second story is used for offices. The north end of the second story contains a dining hall and the third floor is used as a locker room. The work shop has three work sections and all lathes are arranged to accomplish fine, medium, and heavy shaping and trimming of shell casings or projectiles.
- #11. Breezeway.
- #12. Ammunition Assembly Shop. This is the final assembly shop for munitions manufactured in "B" Branch. The building is approximately two stories high, constructed of concrete and brick. The structure is 30 meters by 16 meters and has a glass-paneled roof. The shop has an unknown number of lathes, polishers, presses, and work benches. The building is referred to as Branch "B-1". The shop is also used for compressor and pump assembly.
- #13. Air Raid Shelter. Under construction.
- #14. Administration Building. This building is two-stories high constructed of concrete and brick, 22 meters by 10 meters, and has a flat roof. The first floor contains offices of the Director of Personnel, Finance, Planning and Material. The second floor has offices of the Director of Production, Plans, Party Secretary, Bookkeepers and the Plant Director.
- #15. Main Road. The concrete road is six to eight meters wide.
- #16. Recreation Building. The building is one-story high, constructed of concrete and brick with a flat roof, 60 meters by 10 meters. It is used by employees during lunch and after-work hours.
- #17. Sentry Post. The main entrance to the plant has two sentry posts. Each building is one-story high and is constructed of concrete and brick. The sentry posts are normally manned by two guards, but it is also common to see three or four guards armed with rifles and pistols.
- #18. Road. The concrete road is six to eight meters wide. It is less than one year old and is capable of heavy truck to flic.
- #19. Glazing Shop. It is one of fore close in a local bailding. The shop repairs and/or replaces broken them to all buildings in the plant.
- #20. Transformer Shop. This is the central electrical control point for the plant. The building, 20 Loters by eight meters, has a flat glass-paneled most and is made of brick and concrete.
- #21. Belt Shop. The shop repairs or replaces broken belts on all machines in the plant.

C-O-H-F-I-D-E-H-T-I-A-L



## C-O-N-F-I-D-E-N-T-I-A-L

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- #22. Coal Bins. This area contains six to seven open coal bins. The entire coal yard is approximately 50 to 60 meters square. There are no mechanical loading devices and all coal is loaded by hand.
- #23. Heating Plant. This shop furnishes heat and steam for the entire plant. The overall size of the building is 20 meters by eight meters. All piping is run underground to the various sections. Building is constructed of concrete and brick and has a flat glass-paneled roof.
- Carpenter Shop. Parts are packed and crated for shipment in the carpenter shop.
- Dining Hall. This is a one story brick building 15 meters by seven meters. Each building in the plant has a small dining room.
- #26. Lubricant Storage Shop.
- #27. Well. The area is approximately three meters square and has four large pumps. Water from the well, which is 100 feet deep, is pumped through underground pipes to the purification plant.
- #28. Chimney.
- #29. Fire Department. The building, 25 meters by 10 meters, is constructed of concrete and brick. Firemen on duty continually tour the plant to eliminate fire hazards and unsafe work practices. The department consists of 20 firemen, two water trailers and two trucks.
- #30. Garage. It also serves as a work shed for motor vehicles.
- Supply Storage Yard. This is an open area 20 meters by three meters and is used for storage of "I" beams and sheet metal. The entire area is enclosed by a mesh wire fence two meters high.
- #32. Water Purification Plant. The water purification plant consists of two structures. The water purification section is constructed of wood with slotted boards for water to drain down and is seven meters square and eight meters high. The second is a brick structure five meters square. It has an office and control room.
- #33. Foundry. The foundry has three large ovens and is called "A" Branch. All shell casings are porred in the foundry.
- #34. Metal Shaping Shop. This area is a subsection of the foundry. The overall size of the building is 50 meters by 20 meters. The structure is constructed of concrete and brick, the south end of the building being two-stories high. The second floor contains offices and locker rooms.
- #35. Rail Loading Ramp. The loading ramp extends the entire width of the foundry and has two self-propelled rail loading cranes. About six or seven railroad cars load or inload materials each day.
- Material Storage. Raw materials are stored in the one story, concrete and brick building. The storage area is 20 meters by seven meters. The #36. building has a flat roof. I-
- #37. Chimney. Dimensions of the chimney are not known.

2 - Rnd

